

Data Path : Z:\HPCHEM1\BNA E\DATA\BE051117\
 Data File : BE092998.D
 Acq On : 11 May 2017 16:18
 Operator : SJ/MA
 Sample : PB98857BL
 Misc :
 ALS Vial : 3 Sample Multiplier: 1

Instrument :
 BNA_E
 ClientSampleId :
 PB98857BL

Quant Time: May 11 18:51:49 2017
 Quant Method : Z:\HPCHEM1\BNA E\METHODS\8270-SIM-BE051117.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Thu May 11 14:48:08 2017
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.75	152	914	0.40	ng	-0.02
7) Naphthalene-d8	10.53	136	3193	0.40	ng	0.00
13) Acenaphthene-d10	14.40	164	1265	0.40	ng	0.02
19) Phenanthrene-d10	17.16	188	2767	0.40	ng	0.03
27) Chrysene-d12	21.30	240	3141	0.40	ng	0.02
34) Perylene-d12	23.71	264	2782	0.40	ng	0.01

System Monitoring Compounds	R.T.	QIon	Response	Conc	Units	Dev(Min)
4) 2-Fluorophenol	5.36	112	755	0.30	ng	0.00
5) Phenol-d6	6.92	99	791	0.25	ng	-0.02
8) Nitrobenzene-d5	8.88	82	679	0.27	ng	-0.02
11) 2-Methylnaphthalene-d10	12.12	152	1143	0.25	ng	-0.02
14) 2,4,6-Tribromophenol	15.91	330	91	0.26	ng	0.04
15) 2-Fluorobiphenyl	13.01	172	1382	0.28	ng	0.00
25) Fluoranthene-d10	19.16	212	2511	0.34	ng	0.00
29) Terphenyl-d14	19.76	244	1390	0.25	ng	0.03

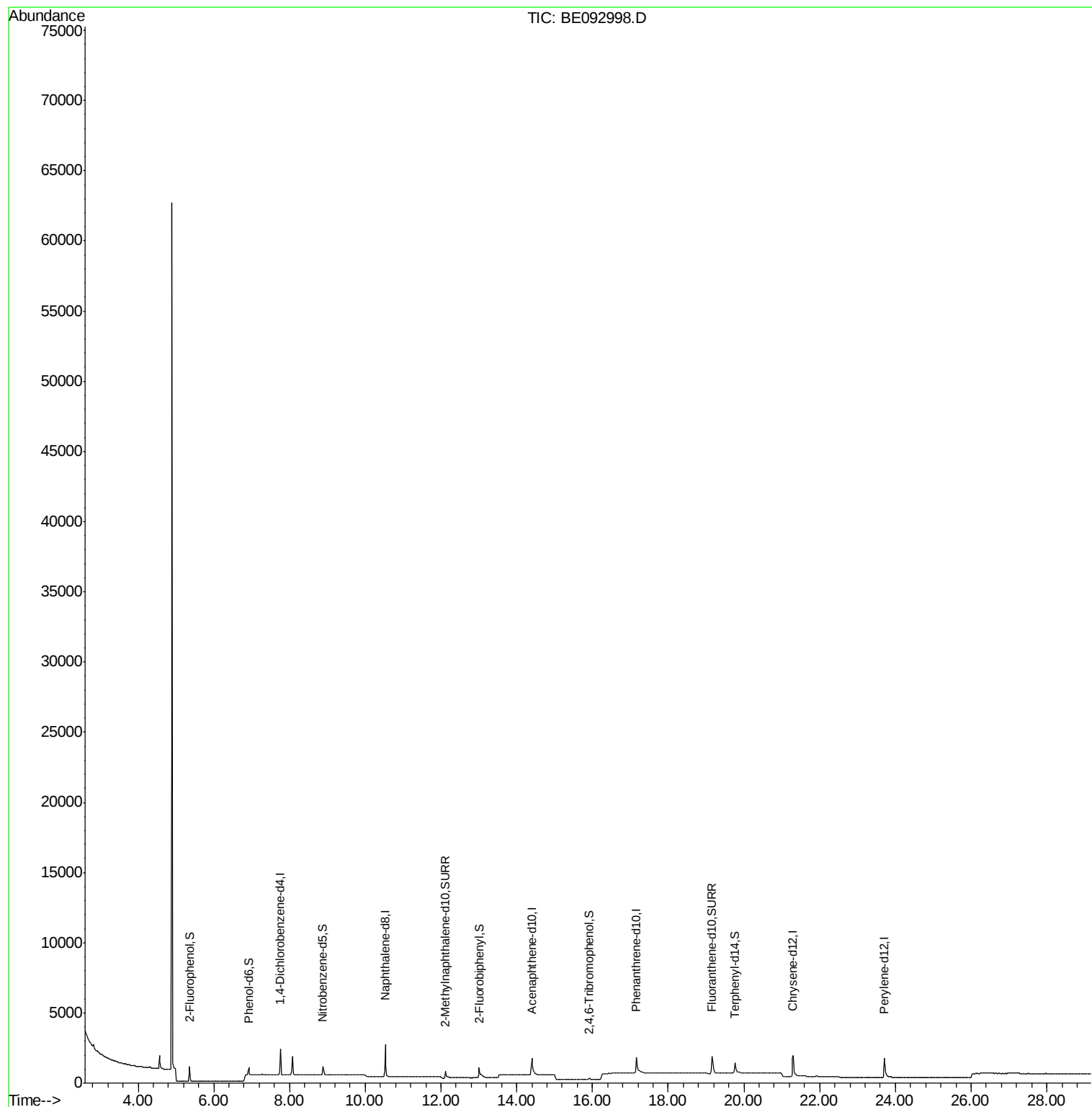
Target Compounds	Qvalue
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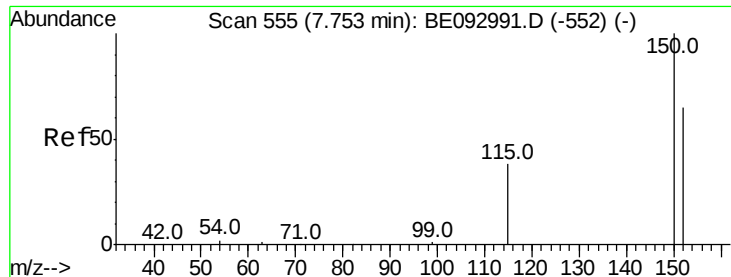
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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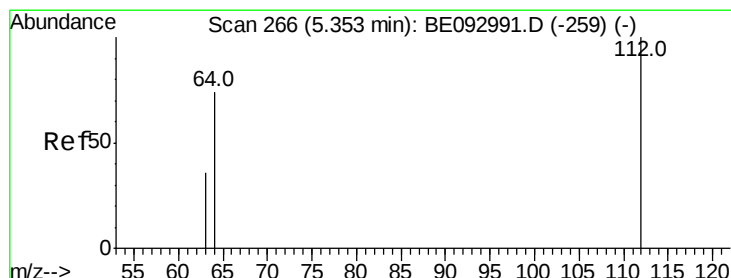
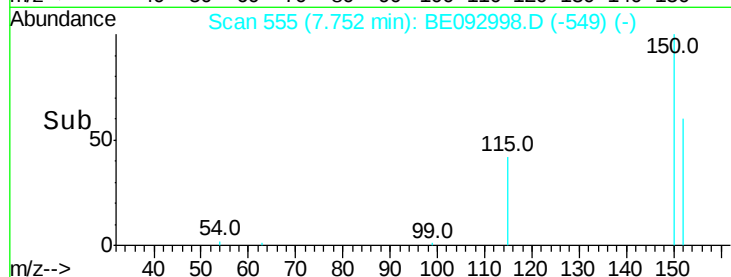
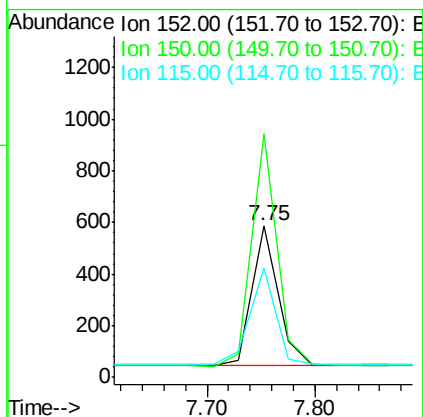
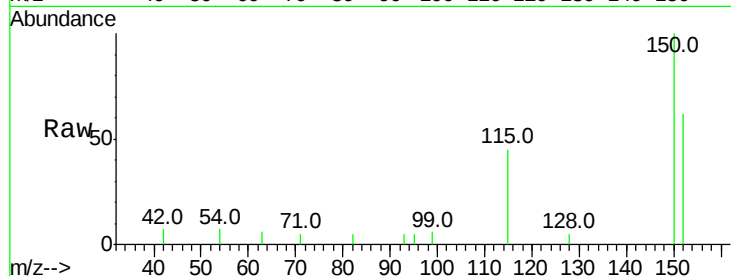


#1

1,4-Dichlorobenzene-d4
 Concen: 0.40 ng
 RT: 7.75 min Scan# 555
 Delta R.T. -0.02 min
 Lab File: BE092998.D
 Acq: 11 May 2017 16:18

Instrument :
 BNA_E
 ClientSampleId :
 PB98857BL

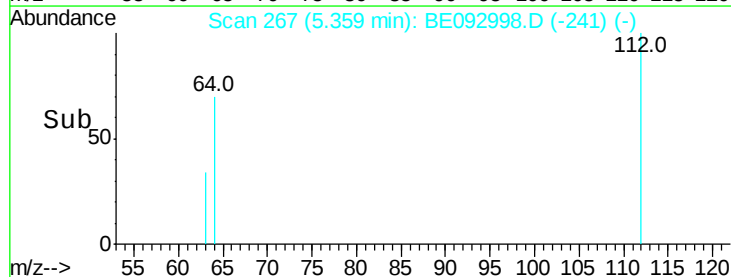
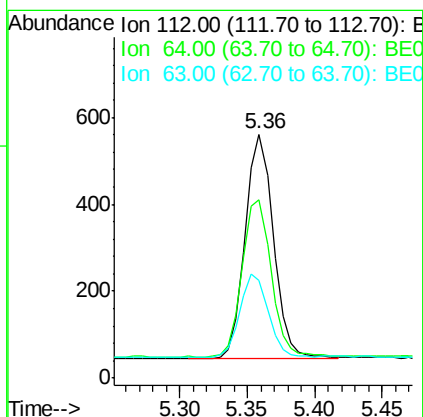
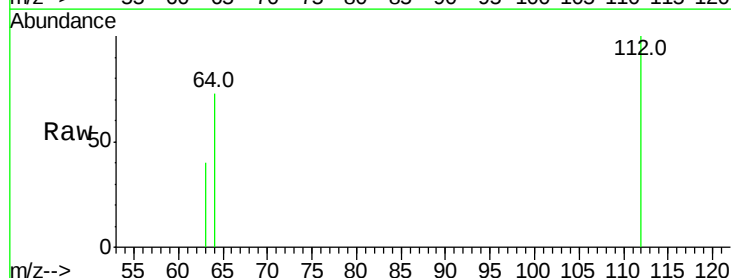
Tot Ion:152 Resp: 914
 Ion Ratio Lower Upper
 152 100
 150 160.4 125.1 187.7
 115 72.1 55.7 83.5

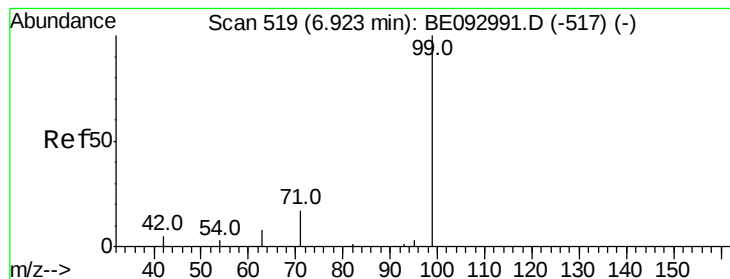


#4

2-Fluorophenol
 Concen: 0.30 ng
 RT: 5.36 min Scan# 267
 Delta R.T. 0.00 min
 Lab File: BE092998.D
 Acq: 11 May 2017 16:18

Tgt Ion:112 Resp: 755
 Ion Ratio Lower Upper
 112 100
 64 72.2 56.4 84.6
 63 37.1 29.3 43.9





#5

Phenol-d6

Concen: 0.25 ng

RT: 6.92 min Scan# 519

Delta R.T. -0.02 min

Lab File: BE092998.D

Acq: 11 May 2017 16:18

Instrument :

BNA_E

ClientSampleId :

PB98857BL

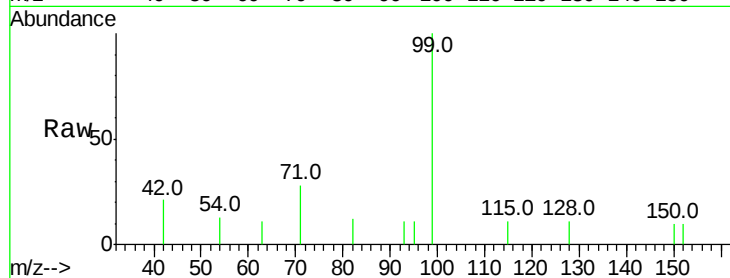
Tot Ion: 99 Resp: 791

Ion Ratio Lower Upper

99 100

42 0.0 0.0 0.0

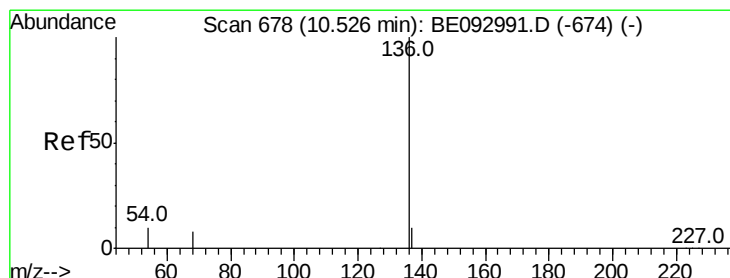
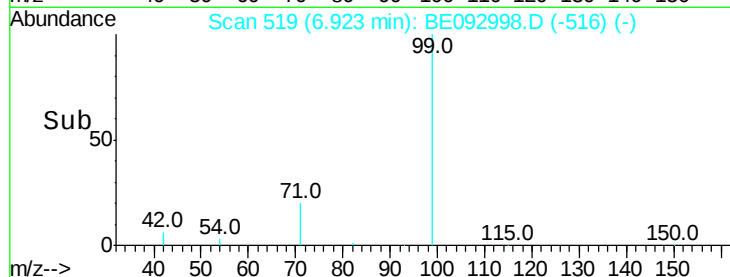
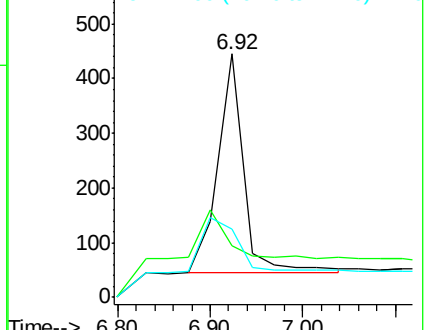
71 0.0 0.0 0.0



Abundance Ion 99.00 (98.70 to 99.70): BE0

Ion 42.00 (41.70 to 42.70): BE0

Ion 71.00 (70.70 to 71.70): BE0



#7

Naphthalene-d8

Concen: 0.40 ng

RT: 10.53 min Scan# 678

Delta R.T. -0.00 min

Lab File: BE092998.D

Acq: 11 May 2017 16:18

Tgt Ion: 136 Resp: 3193

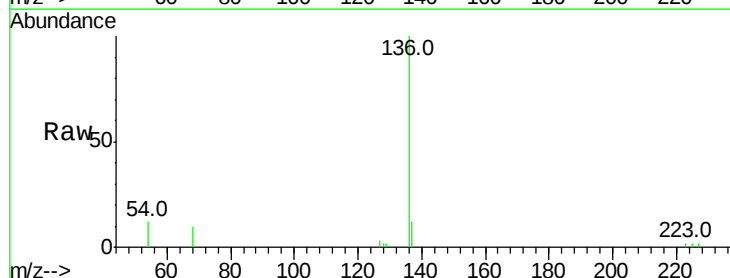
Ion Ratio Lower Upper

136 100

137 12.4 9.8 14.8

54 12.0 10.3 15.5

68 10.4 9.0 13.4

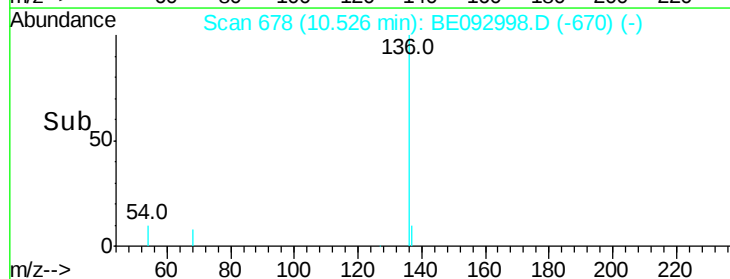
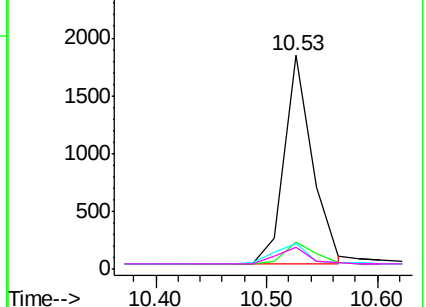


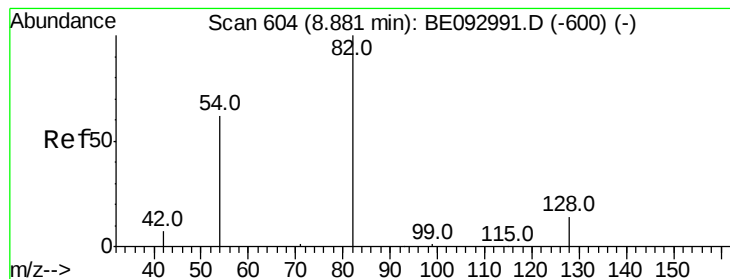
Abundance Ion 136.00 (135.70 to 136.70): E

Ion 137.00 (136.70 to 137.70): E

Ion 54.00 (53.70 to 54.70): BE0

Ion 68.00 (67.70 to 68.70): BE0





#8

Nitrobenzene-d5

Concen: 0.27 ng

RT: 8.88 min Scan# 604

Delta R.T. -0.02 min

Lab File: BE092998.D

Acq: 11 May 2017 16:18

Instrument :

BNA_E

ClientSampleId :

PB98857BL

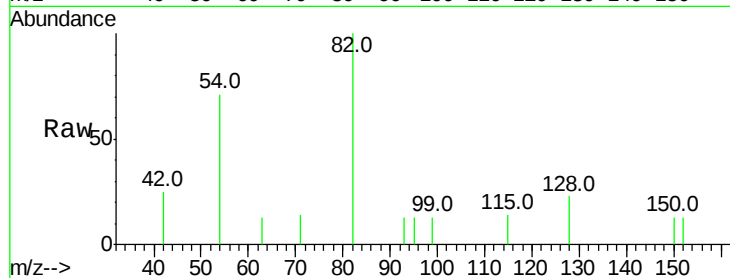
Tot Ion: 82 Resp: 679

Ion Ratio Lower Upper

82 100

128 22.8 17.0 25.4

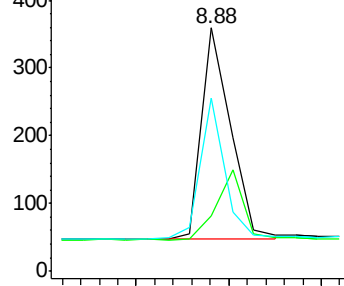
54 71.3 53.8 80.6



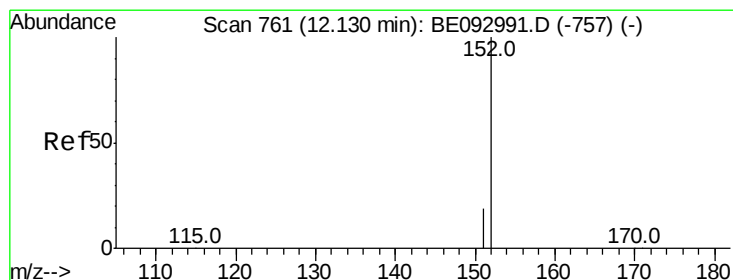
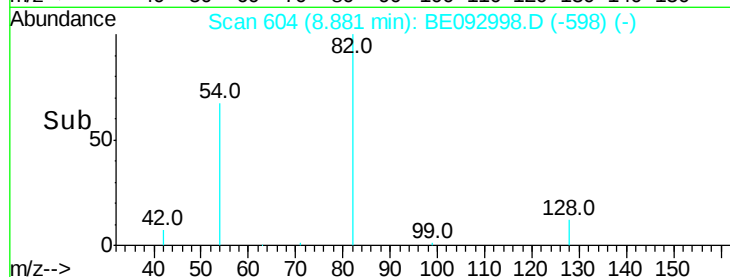
Abundance Ion 82.00 (81.70 to 82.70): BE092998.D (-598) (-)

Ion 128.00 (127.70 to 128.70): BE092998.D (-598) (-)

Ion 54.00 (53.70 to 54.70): BE092998.D (-598) (-)



Time-->



#11

2-Methylnaphthalene-d10

Concen: 0.25 ng

RT: 12.12 min Scan# 760

Delta R.T. -0.02 min

Lab File: BE092998.D

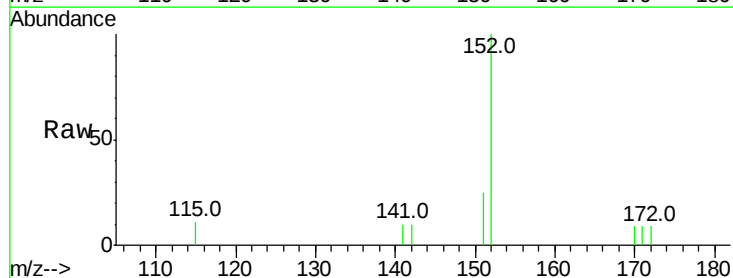
Acq: 11 May 2017 16:18

Tgt Ion: 152 Resp: 1143

Ion Ratio Lower Upper

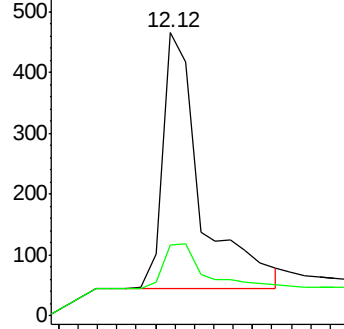
152 100

151 19.0 15.1 22.7

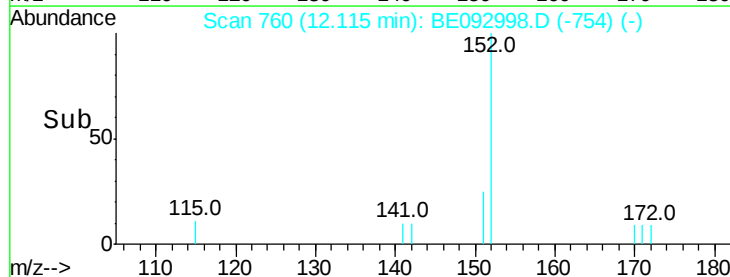


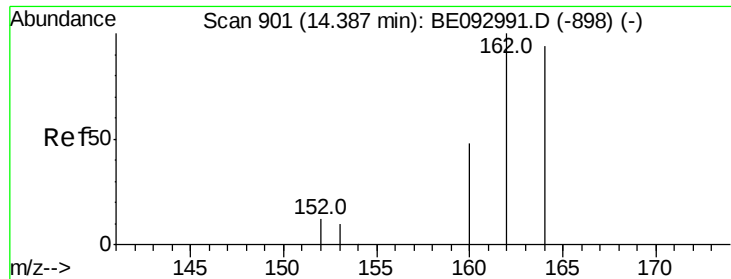
Abundance Ion 152.00 (151.70 to 152.70): BE092998.D (-754) (-)

Ion 151.00 (150.70 to 151.70): BE092998.D (-754) (-)



Time-->





#13

Acenaphthene-d10

Concen: 0.40 ng

RT: 14.40 min Scan# 902

Delta R.T. 0.02 min

Lab File: BE092998.D

Acq: 11 May 2017 16:18

Instrument :

BNA_E

ClientSampleId :

PB98857BL

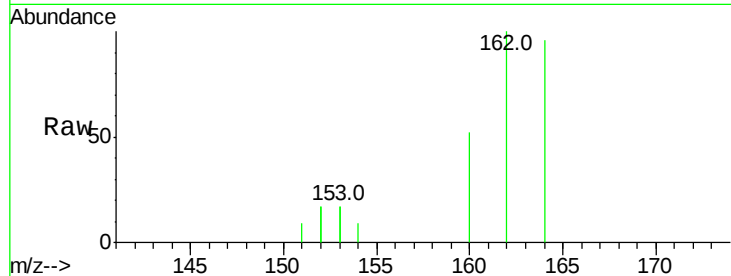
Tot Ion:164 Resp: 1265

Ion Ratio Lower Upper

164 100

162 103.8 84.6 127.0

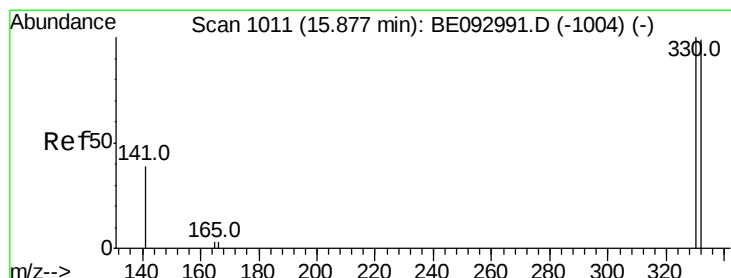
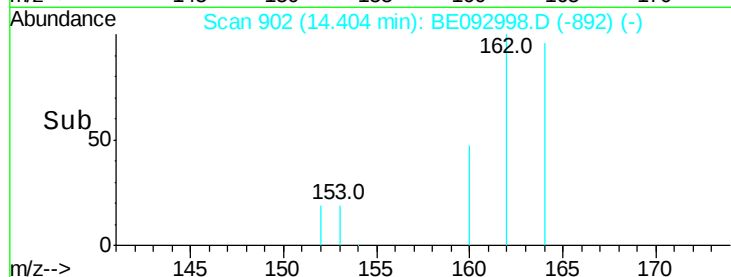
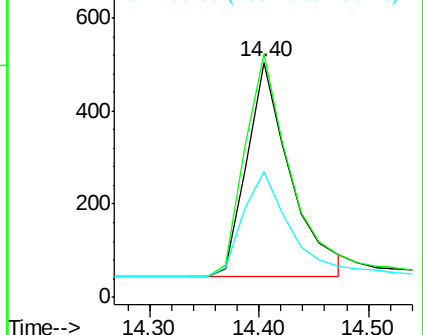
160 53.8 41.8 62.6



Abundance Ion 164.00 (163.70 to 164.70): E

Ion 162.00 (161.70 to 162.70): E

Ion 160.00 (159.70 to 160.70): E



#14

2,4,6-Tribromophenol

Concen: 0.26 ng

RT: 15.91 min Scan# 1014

Delta R.T. 0.04 min

Lab File: BE092998.D

Acq: 11 May 2017 16:18

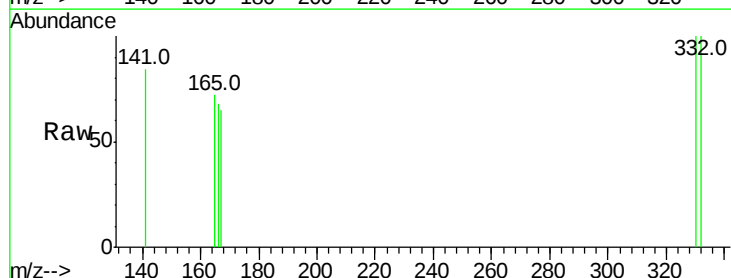
Tgt Ion:330 Resp: 91

Ion Ratio Lower Upper

330 100

332 92.3 77.7 116.5

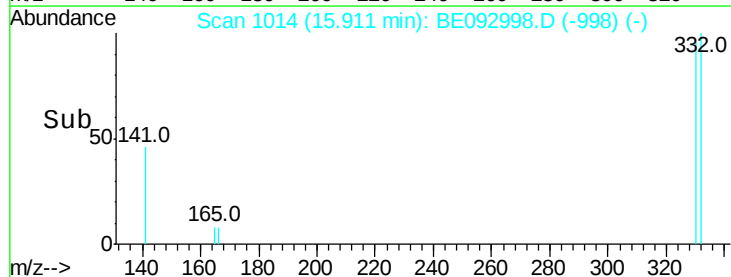
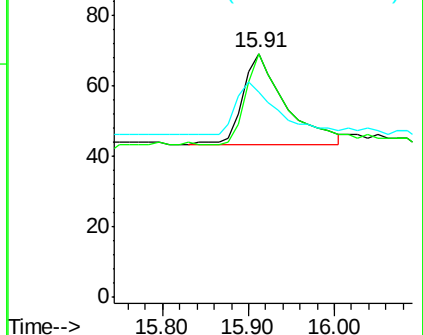
141 54.9 56.2 84.4#

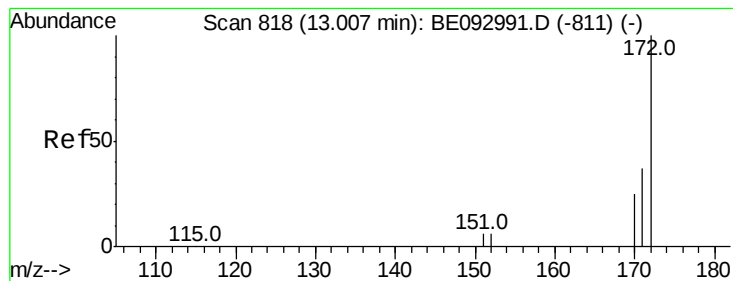


Abundance Ion 330.00 (329.70 to 330.70): E

Ion 331.80 (331.50 to 332.50): E

Ion 141.00 (140.70 to 141.70): E





#15

2-Fluorobiphenyl

Concen: 0.28 ng

RT: 13.01 min Scan# 818

Delta R.T. -0.00 min

Lab File: BE092998.D

Acq: 11 May 2017 16:18

Instrument :

BNA_E

ClientSampleId :

PB98857BL

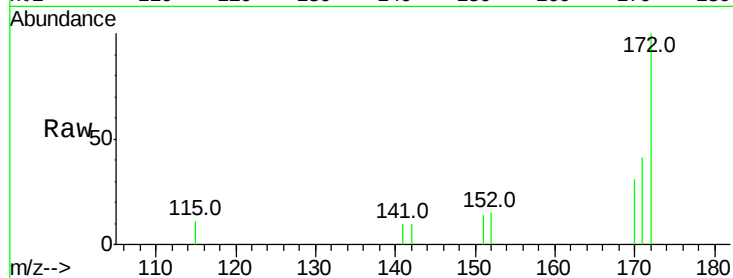
Tot Ion:172 Resp: 1382

Ion Ratio Lower Upper

172 100

171 41.4 29.8 44.6

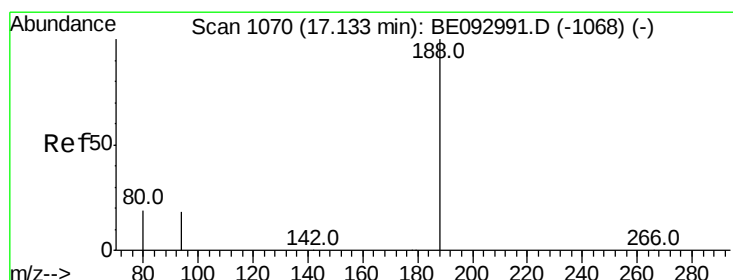
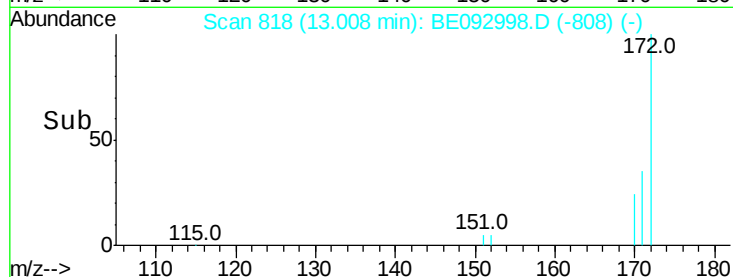
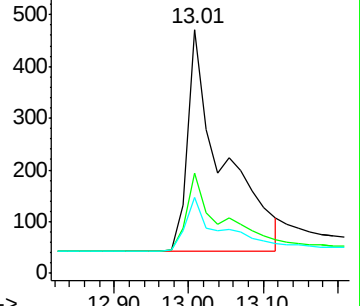
170 31.2 20.7 31.1#



Abundance Ion 172.00 (171.70 to 172.70): E

Ion 171.00 (170.70 to 171.70): E

Ion 170.00 (169.70 to 170.70): E



#19

Phenanthrene-d10

Concen: 0.40 ng

RT: 17.16 min Scan# 1071

Delta R.T. 0.03 min

Lab File: BE092998.D

Acq: 11 May 2017 16:18

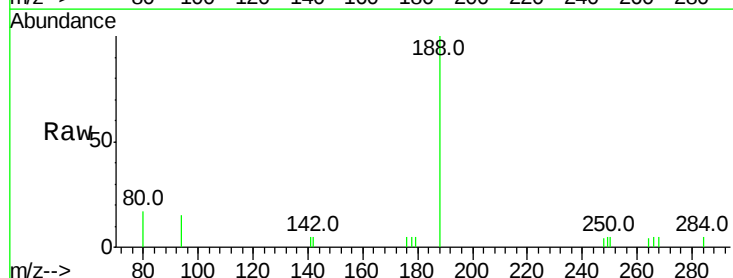
Tgt Ion:188 Resp: 2767

Ion Ratio Lower Upper

188 100

94 15.1 11.3 16.9

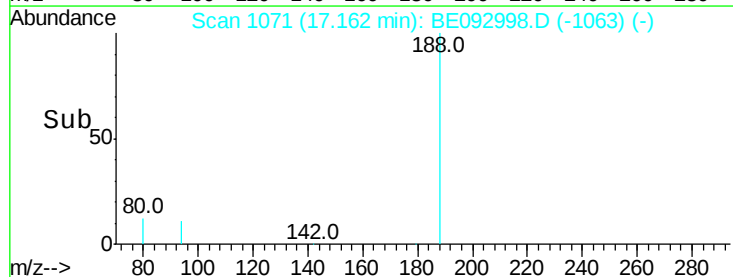
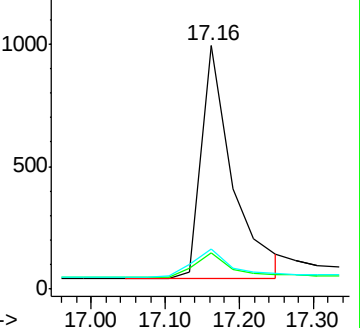
80 16.5 11.7 17.5

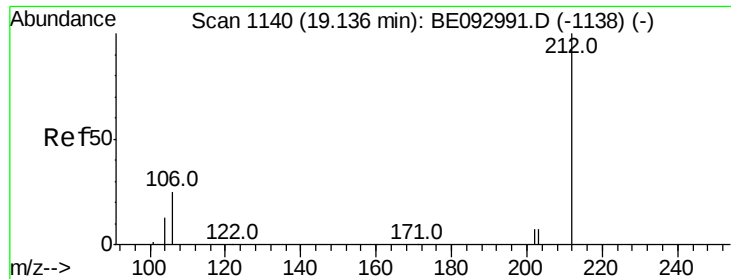


Abundance Ion 188.00 (187.70 to 188.70): E

Ion 94.00 (93.70 to 94.70): BE0

Ion 80.00 (79.70 to 80.70): BE0

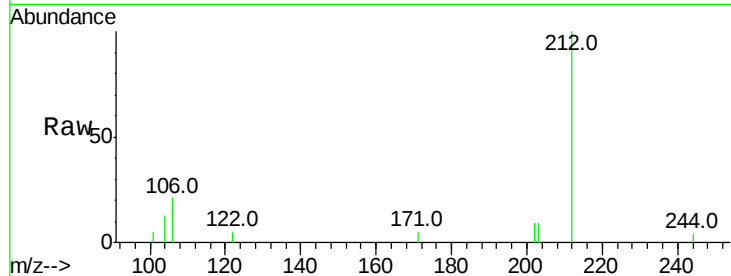




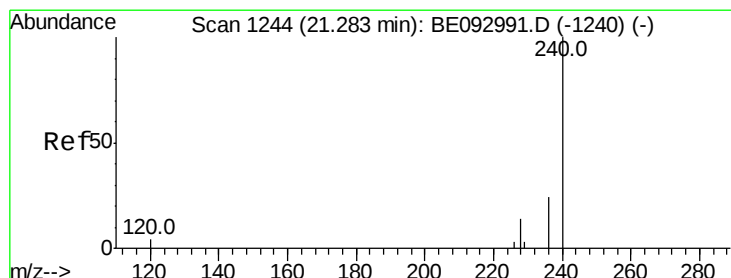
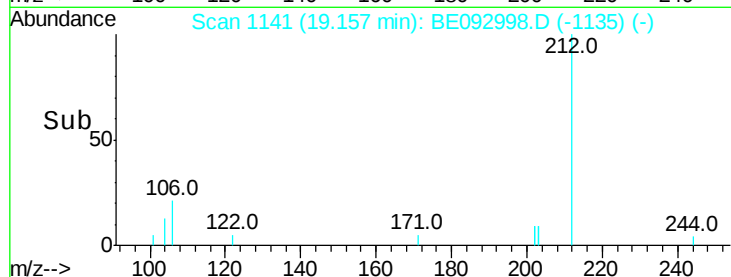
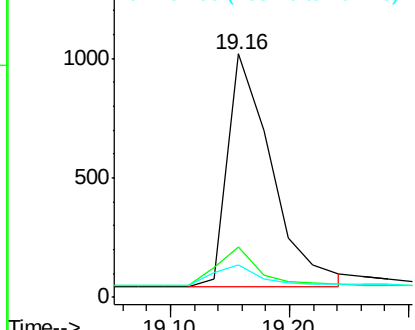
#25
Fluoranthene-d10
Concen: 0.34 ng
RT: 19.16 min Scan# 1141
Delta R.T. 0.01 min
Lab File: BE092998.D
Acq: 11 May 2017 16:18

Instrument :
BNA_E
ClientSampled :
PB98857BL

Tot Ion:212 Resp: 2511
Ion Ratio Lower Upper
212 100
106 16.2 0.0 0.0#
104 9.4 0.0 0.0#

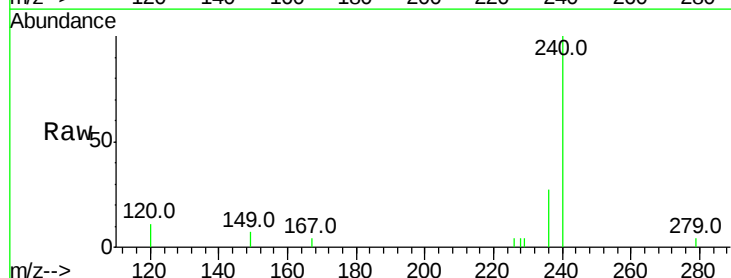


Abundance Ion 212.00 (211.70 to 212.70): E
Ion 106.00 (105.70 to 106.70): E
Ion 104.00 (103.70 to 104.70): E

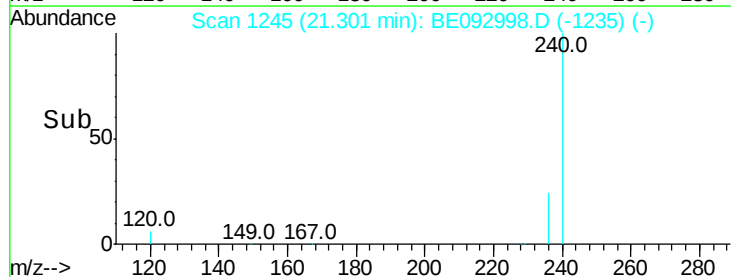
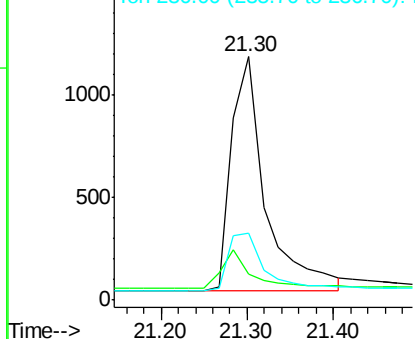


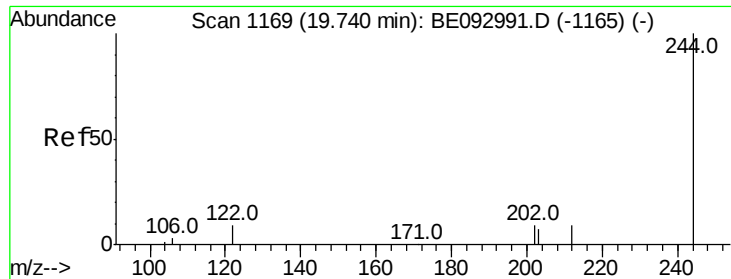
#27
Chrysene-d12
Concen: 0.40 ng
RT: 21.30 min Scan# 1245
Delta R.T. 0.02 min
Lab File: BE092998.D
Acq: 11 May 2017 16:18

Tgt Ion:240 Resp: 3141
Ion Ratio Lower Upper
240 100
120 10.6 4.6 7.0#
236 27.3 20.8 31.2



Abundance Ion 240.00 (239.70 to 240.70): E
Ion 120.00 (119.70 to 120.70): E
Ion 236.00 (235.70 to 236.70): E





#29

Terphenyl-d14

Concen: 0.25 ng

RT: 19.76 min Scan# 1170

Delta R.T. 0.03 min

Lab File: BE092998.D

Acq: 11 May 2017 16:18

Instrument :

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ClientSampleId :

PB98857BL

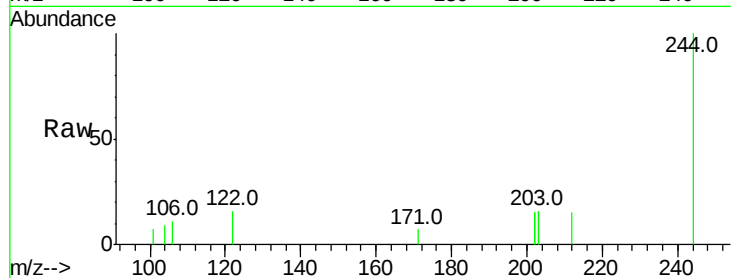
Tot Ion:244 Resp: 1390

Ion Ratio Lower Upper

244 100

212 15.3 10.6 16.0

122 16.4 15.4 23.0



Abundance Ion 244.00 (243.70 to 244.70): E

Ion 212.00 (211.70 to 212.70): E

Ion 122.00 (121.70 to 122.70): E

19.76

600

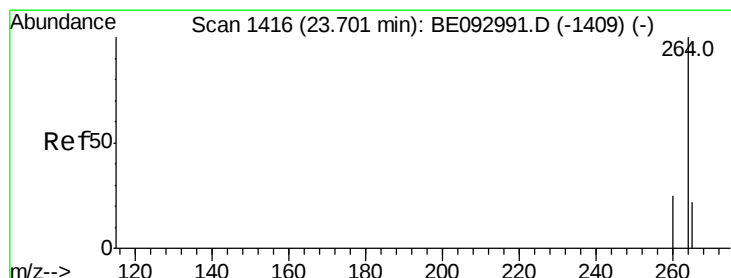
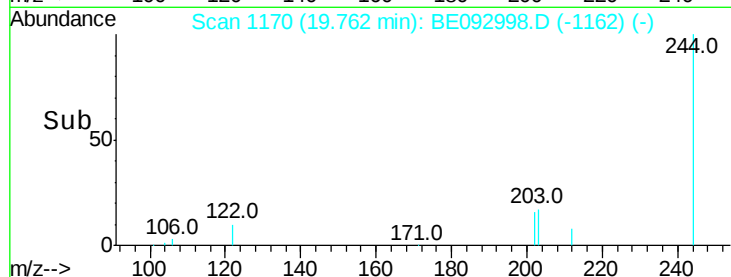
400

200

0

19.60 19.70 19.80

Time-->



#34

Perylene-d12

Concen: 0.40 ng

RT: 23.71 min Scan# 1417

Delta R.T. 0.01 min

Lab File: BE092998.D

Acq: 11 May 2017 16:18

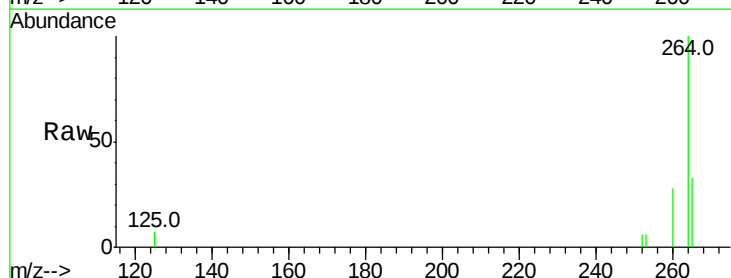
Tgt Ion:264 Resp: 2782

Ion Ratio Lower Upper

264 100

260 28.1 21.0 31.4

265 33.4 24.6 36.8



Abundance Ion 264.00 (263.70 to 264.70): E

Ion 260.00 (259.70 to 260.70): E

Ion 265.00 (264.70 to 265.70): E

23.71

1000

500

0

23.60 23.70 23.80

Time-->

